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TI Thixotropic aqueous emulsion compositions and their manufacture
IN Asahina, Toshiyuki; Toda, Tatsuya
PA Daicel Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 10 pp.
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DT Patent
LA Japanese
IC ICM C08L101-00
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CC 42-10 (Coatings, Inks, and Related Products)
Section cross-reference(s): 38, 58

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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 10095922	A2	19980414	JP 1996-251778	19960924
PRAI JP 1996-251778		19960924		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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JP 10095922	ICM	C08L101-00
	ICS	C08K003-00; C08K007-02; C09D201-00; C09K003-10
AB	The title compns., forming rapidly drying and tough films with reduced amt. of thickeners, useful for coatings, adhesives, and filling materials, contain powd. or granular fillers and fine fibers with av. diam. 0.01-5 .mu.m, av. length 5-3000 .mu.m, sp. surface area 50-300 m ² /g, and aspect ratio 250-15,000 and are manufd. by blending aq. emulsions, the fillers, and the fibers. Thus, a coating prep'd. from ethylene-Veova 10-vinyl acetate copolymer emulsion 100, a 10% cellulose fiber slurry (Celish FD 100G; av. diam. 0.1 .mu.m, av. length 500 .mu.m, sp. surface area 200 m ² /g, av. aspect ratio 5000) 5, hydroxyethyl cellulose 0.3, nonionic surfactant 2, polycarboxylic acid dispersant 2, 25% aq. ammonia 1, HOCH ₂ CH ₂ OH 7, di-Bu phthalate 5, antifoamer 0.5, fungicide 0.5, clay 30, CaCO ₃ 50, TiO ₂ 30, white marble (av. diam. 2-3 mm) 360, and H ₂ O 60 parts was sprayed on a primer-coated cement slate plate, showing loss by splash 8% and no sagging.	
ST	thixotropic coating cellulose fiber blend; slate coating thixotropic fiber blend; vinyl acetate copolymer emulsion thixotropic coating	
IT	Tiles	